

Crewmember Alert Display Development. - Fort Stewart and Hunter Army Air Field

Proposed Recipient: Radiance Technologies

Address of Recipient: 7790 Veteran's Parkway, Suite C; Columbus, GA 31909

Amount of Request: \$2 Million

Explanation of Request

Purpose: U.S. Army Helicopters lack an effective hostile fire detection system to counter the most effective weapon systems on the battlefield today. Unguided, undetected weapon systems such as Small Arms, AAA, and RPGs inflict over 90% of the total combat damages to rotary wing aircraft. Radiance Technologies AWW-HFI, the most effective HFI system available today, detects, locates and targets active weapon systems in 5-20 Milli-seconds. This program develops and combines the crewmember displays with the AWW-HFI that alert the door gunners with immediate and accurate detections of these weapon systems. United States Special Operations Command (USSOCOM) documented this urgent need in the Initial Capabilities Document (ICD) for Hostile Fire Indication System (HFIS). U.S. Army Aviation adopted this ICD in 2008.

Why is it a good use of Taxpayer funds: U.S. aircraft and crewmember survivability depend on the timely and accurate detections of hostile firing. Also ensures attacks are precise on the source of the hostile firing.